Jumber		Search Text	DB	Time stamp	
	1	((reflect\$ near diffus\$) same positive) and (cell near gap)	USPAT	2003/05/28	
5	2		USPAT	2003/05/28 19:13	
5	18	retardation near extraordinary	USPAT	2003/05/28 19:13	
7	264	retardation same extraordinary	USPAT	2003/05/28 19:13	
	135	<pre>(retardation same extraordinary) same (liquid near crystal)</pre>	USPAT	2003/05/28 19:14	
	634	(356/364,630).CCLS.	USPAT;	2003/05/28	
	345	((356/364,630).CCLS.) and ((measur\$ calculat\$ obtain\$ determin\$) same	US-PGPUB USPAT; US-PGPUB	13:37 2003/05/13	
	300	(thickness (cell near gap)))	1	19:35	
		<pre>calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and</pre>	USPAT; US-PGPUB	12003/05/13	
	54	reflect\$ ((((356/364,630).CCLS.) and ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and	USPAT; US-PGPUB	2003/05/13 19:33	
	309161	<pre>reflect\$) and (liquid near crystal)   ((measur\$ calculat\$ obtain\$ determin\$)</pre>	USPAT;	2003/05/13	
		<pre>same (thickness (cell near gap))) (((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and</pre>	US-PGPUB USPAT; US-PGPUB	19:33 2003/05/13 19:35	
	10776	<pre>reflect\$ ((((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and</pre>	USPAT; US-PGPUB	2003/05/21	
	1046	<pre>reflect\$) and (liquid near crystal) (((((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and</pre>	USPAT; US-PGPUB	2003/05/13 19:35	
		reflect\$) and (liquid near crystal)) and (dispers\$ same polar\$) (liquid near crystal) same ((measur\$	USPAT;	2003/05/13	
		calculat\$ obtain\$ determin\$) same (thickness (cell near gap))) ((liquid near crystal) same ((measur\$	US-PGPUB USPAT;	19:41	
		<pre>calculat\$ obtain\$ determin\$) same  (thickness (cell near gap)))) and  reflect\$</pre>	US-PGPUB	19:36	
	431	!(((liquid near crystal) same ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and	USPAT; US-PGPUB	2003/05/13	
	759	<pre>reflect\$) and (dispers\$ same polar\$)   ((liquid near crystal) same ((measur\$   calculat\$ obtain\$ determin\$) same   (thickness (cell near gap)))) same   reflect\$</pre>	USPAT; US-PGPUB	2003/05/16 15:08	
	141	<pre>(((liquid near crystal) same ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) same reflect\$) and (dispers\$ same polar\$)</pre>	USPAT; US-PGPUB	2003/05/13 19:36	
		<pre>(((((liquid near crystal) same ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) same reflect\$) and (dispers\$ same polar\$)) not (((((356/364,630).CCLS.) and ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and reflect\$) and (liquid near crystal))</pre>	USPAT; US-PGPUB	2003/05/13 19:37	
		<pre>(liquid near crystal) same ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))</pre>	EPO; JPO; DERWENT	2003/05/13 19:41	
	29	<pre>((liquid near crystal) same ((measur\$ calculat\$ obtain\$ determin\$) same (thickness (cell near gap)))) and (dispers\$ same polar\$)</pre>	EPO; JPO; DERWENT	2003/05/13 19:41	

		- ,-,			
-		12588	<pre>(liquid near crystal) same (thickness (cell near gap))</pre>	USPAT; US-PGPUB	2003/05/16 13:44
-		4702	((liquid near crystal) same (thickness	USPAT;	2003/05/16
			<pre>(cell near gap))) same (measur\$ determin\$ obtain\$ calculat\$)</pre>	US-PGPUB	13:45
_		762	(((liquid near crystal) same (thickness	USPAT;	2003/05/16
		, , ,	(cell near gap))) same (measur\$ determin\$ obtain\$ calculat\$)) same reflect\$	US-PGPUB	15:05
_		634	(356/630,364).CCLS.	USPAT;	2003/05/16
			(300) 030,301, 10010.	US-PGPUB	13:46
_		696	(359/483,485,487).CCLS.	USPAT;	2003/05/16
			(000) 100/100/100/100420	US-PGPUB	13:46
-		193	(250/559.27).CCLS.	USPAT;	2003/05/16
			(200) 00012.,10022.	US-PGPUB	13:45
		1473	((356/630,364).CCLS.)	USPAT;	2003/05/21
			((359/483,485,487).CCLS.)	US-PGPUB	21:12
			((250/559.27).CCLS.)		21.12
		23	((((liquid near crystal) same (thickness	USPAT;	2003/05/16
			_	US-PGPUB	15:00
			obtain\$ calculat\$)) same reflect\$) and (((356/630,364).CCLS.)	:	1
			((359/483,485,487).CCLS.)	•	
	1		((250/559.27).CCLS.))		· I
	1	23	((((liquid near crystal) same (thickness	USPAT;	2003/05/16
			(cell near gap))) same (measur\$ determin\$		15:00
			obtain\$ calculat\$)) same reflect\$) and	, JD IGEOD	10100
			(((356/630,364).CCLS.)	1	i
	:		((359/483,485,487).CCLS.)	-	1
			((250/559.27).CCLS.))	t .	
		216	(((liquid near crystal) same (thickness	EPO; JPO;	2003/05/21
	i	210	(cell near gap))) same (measur\$ determin\$		120:49
			obtain\$ calculat\$)) same reflect\$	i	
			2000-213999.NRAN.	DEPWENT	2003/05/16
		_	2000 2200000000000000000000000000000000	1 2212111	15:07
		1	1999-447306.NRAN.	DERWENT	2003/05/16
		-			15:07
		1	2000-260742.NRAN.	DEPWENT	2003/05/16
		7~	((liquid near crystal) same ((measur\$	USPAT;	2003/05/16
		/ <u>-</u>	calculat pobtain determin near	US-PGPUB	15:09
			(thickness (cell near gap)))) same	i oo tatob	10.00
			reflect\$	:	1
		3	("4368645"   "4973163"   "5239365").PN.	USPAT	2003/05/16
		~.			15:13
		4 .	5434671.URPN.	USPAT	2003/05/16
	4	- T	0.15.10.1.10.1.1.1.	001111	15:13
		216	(((liquid near crystal) same (thickness	EPO; JPO;	2003/05/21
	1		(cell near gap))) same (measur\$ determin\$		20:49
			obtain\$ calculat\$)) same reflect\$		
			"g01b011/28".ipc.	EPG; JPO;	2003/05/21
			y · Z - / ·	DEFWENT	
		924	"g01j004/00".ipc.	EPO; JPO;	2003/05/21
			5 5 <del></del>		20:50
		1743	"g01n021/86".ipc.	EPO; JPO;	2003/05,21
			<b>→</b>	DEPWENT	20:50
		13286	"g02b005/30".ipc.	EPC; JPO;	2003/05/21
			•	DEPWENT	20:50
		6512	"g02b027/28".ipc.	EPO; JPO;	2003/05/21
			•	DERWENT	20:51
		21979	"g01b011/28".ipc. "g01j004/00".ipc.	EPO; JPO;	
		=	"gClnC21/86".ipc. "gO2bO05/30".ipc.	DERWENT	20:51
			"g02b027/28".ipc.		
		23		EPG; JPG;	2003/05/21
			(cell near gap))) same (measur\$ determin\$	DEFWENT	20:57
			obtain\$ calculat\$)) same reflect\$ ) and		
			("g01b011/28".ipc. "g01j004/00".ipc.		
			"g0ln021/86".ipc. "g02b005/30".ipc.		
			"g02b027/28".ipc.)		
			. <u></u>		

-	193	((((liquid near crystal) same (thickness	EPO; JPO;	2003/05/21	•
		<pre>(cell near gap))) same (measur\$ determin\$</pre>	DERWENT	21:09	
		obtain\$ calculat\$)) same reflect\$ ) not			
		(((((liquid near crystal) same (thickness			
		<pre>(cell near gap))) same (measur\$ determin\$</pre>			
		obtain\$ calculat\$)) same reflect\$ ) and			
		("g01b011/28".ipc. "g01j004/00".ipc.			
		"g01n021/86".ipc. "g02b005/30".ipc.			
		"g02b027/28".ipc.))			
-	6	pretilt near twist	USPAT;	2003/05/21	
			US-PGPUB	31:09	
_	10846	((((measur\$ calculat\$ obtain\$ determin\$)	USPAT;	2003/05/21	
		same (thickness (cell near gap)))) and	US-PGPUB	21:12	
		reflect\$) and (liquid near crystal)			
. –	507	(((((measur\$ calculat\$ obtain\$ determin\$)	USPAT;	12003/05/22	
		same (thickness (cell near gap)))) and	US-PGPUB	12:25	
		reflect\$) and (liquid near crystal) ) and	t .		
		(twist near angle)	T.	•	
_	1476	((356/630,364).CCLS.)	USPAT;	2003/05/21	
		((359/483,485,487).CCLS.)	US-PGPUB	21:12	
		((250/559.27).CCLS.)			
_	6	(((((measur\$ calculat\$ obtain\$	USPAT;	2003/05/21	
		determin\$) same (thickness (cell near	US-PGPUB	21:13	
		gap)))) and reflect\$) and (liquid near	I.		
:	į	crystal) ) and (twist near angle)) and			'
		(((356/630,364).CCLS.)		I	
		((359/483,485,487).CCLS.)	1	i	
	1	((250/559.27).CCLS.))	i		
_	508	(((((measur\$ calculat\$ obtain\$ determin\$)	USPAT;	2003/05/22	
		same (thickness (cell near gap)))) and	US-PGPUB	12:33	
		reflect\$) and (liquid near crystal) ) and			
		(twist near angle)	ı		
. –		<pre>(((((measur\$ calculat\$ obtain\$ determin\$)</pre>	USPAT;	2003/05/22	
		<pre>same (thickness (cell near gap)))) and</pre>	US-PGPUB	12:34	
	1	reflect\$) and (liquid near crystal) ) and		•	
	1	(twist near angle)		1	!
_	4 !	cauchy near dispers\$	USPAT	2003/05/28	
	1	•		19:05	
_	21	cauchy same dispers\$	USFAT	2003/05,28	
				19:09	
_	8415	reflect\$ near diffus\$	USFAT	2003/05/28	
	1			12:37	
_	55 '	(reflect\$ near diffus\$) and (cell near	USFAT	2003/05/28	
		gap)		19:03	
_	0	choi and "cell near gap"	EPO; JPO;	2003/05/28	i
	. !		DERWENT	13:37	
_	565	choi and thickness	EPO; JPO;	2003/05/28	
			DERWENT	13:37	
_	21	(choi and thickness) and "liquid crystal".	EPO; JPC;	2003/05/28	
				. 13:41	
_	1	2001-406652.NRAN.	DEPWENT	2003/05,28	
				. 13:38	
-	0	6538754.URPN.	USPAT	2003/05/28	
				13:41	
-	1	("6081337").PN.	USPAT	2003/05/28	
				13:43	
_	4	("3807862"   "4284354"   "5239365"	USPAT	2003/05/28	
		"5532823").PN.		13:41	
_	1		USPAT	2003/05/28	
	_			13:43	
_	7	("4699516"   "4806776"   "5239365"	USPAT	2003/05/28	
		"5434671"   "5966195"   "5978053"		13:43	
		"6081337").PN.			